

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method comprising:

~~using an electronic application program that cooperates with a multi-purpose electronic processor programmed for composing an electronic version of a document;~~

~~providing the document onto a substrate the provided substrate being~~
steganographically encoding, using at least a processor of a computer system, encoded with plural-bit auxiliary data onto a substrate at a specific location out of a plurality of distinct locations on the substrate, wherein the plural-bit auxiliary data is based at least in part on the specific location, wherein the steganographically encoded plural-bit auxiliary data is substantially imperceptible to casual human inspection, but is detectable through normal ambient visible light imaging of the substrate document without a need to use of non-visible light lenses or filters, wherein and processing of image data thereby produced, in which the plural-bit auxiliary data is encoded such that decoding of the encoded plural-bit auxiliary data relies on a Fourier transform that produces data in which scale and rotation can be ignored, and wherein in which the plural-bit auxiliary data comprises or links to information regarding use of which limits the number of times the an electronic version of a [[the]] document that is placed onto the substrate may be accessed; and

~~storing, in a electronic or magnetic memory of the computer system, at least a portion [[some]] of the plural-bit auxiliary data in association with data identifying a location at which the electronic version of the document is stored.~~

2. (Canceled)

3. (Currently Amended) The method of claim 1, wherein the memory comprises said storing includes storing in a registry database maintained by an operating system of [[a]] the computer system.

4. (Currently Amended) The method of claim 1, wherein the [[said]] storing is performed by an [[the]] application program that is used to compose the electronic version of the document.

5. (Currently Amended) The method of claim 1, wherein the [[said]] storing is performed by an operating system of the computer system, operating system.

6. (Currently Amended) The method of claim 1, further comprising printing the document onto the substrate using a printer driver, and wherein the [[said]] storing is performed by [[a]] the printer driver, employed in printing the document onto a substrate.

7. (Currently Amended) The method of claim 1, wherein the steganographic encoding of the ~~provided~~ substrate results in comprises subtle variations in a [[the]] luminance of the ~~document~~ substrate.

8. (Currently Amended) The method of claim 1, wherein the steganographic encoding takes the form of tiny elements of ink or toner distributed in a pattern so light as to be essentially un-noticeable.

9. (Canceled)

10. (Currently Amended) The method of claim 1, wherein the Fourier transform comprises a Fourier-Mellin transform.

11. (Currently Amended) The method of claim 1, wherein the plural-bit[[s-~~of~~]] auxiliary data is [[are]] steganographically encoded with digital watermarking.

12. (Currently Amended) A ~~programmed computing device comprising: an electronic processor and storing instructions in non-transitory memory, said instructions are executable by said electronic processor to perform the acts of claim 1.~~

a processor configured to steganographically encode plural-bit auxiliary data onto a substrate at a specific location out of a plurality of distinct locations on the substrate, wherein the plural-bit auxiliary data is based at least in part on the specific location, wherein the plural-bit auxiliary data is substantially imperceptible to casual human inspection, but is detectable through normal ambient visible light imaging of the substrate without use of non-visible light lenses or filters, wherein the plural-bit auxiliary data is encoded such that decoding of the plural-bit auxiliary data relies on a Fourier transform that produces data in which scale and rotation can be ignored, and wherein the plural-bit auxiliary data comprises or links to information regarding use of an electronic version of a document that is placed onto the substrate; and

a memory operatively coupled to the processor and configured to store at least a portion of the plural-bit auxiliary data in association with data identifying a location at which the electronic version of the document is stored.

13. (Currently Amended) A non-transitory computer readable medium having media comprising instructions stored thereon, the instructions comprising: to cause a multi-purpose electronic processor to perform the acts of claim 1.

instructions to steganographically encode plural-bit auxiliary data onto a substrate at a specific location out of a plurality of distinct locations on the substrate, wherein the plural-bit auxiliary data is based at least in part on the specific location, wherein the plural-bit auxiliary data is substantially imperceptible to casual human inspection, but is detectable through normal ambient visible light imaging of the substrate without use of non-visible light lenses or filters, wherein the plural-bit auxiliary data is encoded such that decoding of the plural-bit auxiliary data relies on a Fourier transform that produces data in which scale and rotation can be ignored, and

wherein the plural-bit auxiliary data comprises or links to information regarding use of an electronic version of a document that is placed onto the substrate; and

instructions to store at least a portion of the plural-bit auxiliary data in association with data identifying a location at which the electronic version of the document is stored.